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**AN ANNOTATED LIST
OF GENERIC NAMES
OF THE SCALE INSECTS
(Homoptera: Coccoidea)**

SECOND SUPPLEMENT

Miscellaneous Publication No. 1285

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An Annotated List of Generic Names of the Scale Insects (Homoptera: Coccoidea)

Second Supplement

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This publication is a continuation of "An Annotated List of Generic Names of the Scale Insects (Homoptera: Coccoidea)" by Harold Morrison and Emily R. Morrison and its Supplement, entitled "Additions and Corrections to an Annotated List of Generic Names of the Scale Insects (Homoptera: Coccoidea)" by Louise M. Russell (U.S. Dept. Agr. Misc. Pub. 1015, 1966 and 1970).

This second supplement contains 110 names proposed between January 1, 1964, the cutoff date of the previous lists, and December 31, 1972. In addition, it includes eight generic names from a 1962 article, which was not available to the authors of the previous lists, and two names published in 1973 as replacements for preoccupied 1967 names. Two of the 120 names are subgeneric and the remainder are generic. Misspellings that we have noted and nomina nuda are included.

The format is similar to that of the earlier publications. The entries are arranged alphabetically and each one is followed by its original, and a few by a second, validating citation. Type-species are cited in their original name combinations. Relationships of genera and their assignments to higher groups of the Coccoidea are indicated by describers of the genera.

We extend our appreciation to the numerous coccidologists who have assisted us in obtaining much literature used in this publication and to Matilda P. Kosztarab for her technical assistance.

Achionaspis Takagi, 1969, *Insecta Matsumurana* 32: 24, nomen nudum; 1970, *Insecta Matsumurana* 33: 33, 67.

TYPE-SPECIES: *Achionaspis kanoi* Takagi, 1970, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, *Fiorinia* group of genera, close to *Pseudaulacaspis* MacGillivray.

Adiscaspis Gómez-Menor Guerrero, 1967, *Eos* 43: 102, 108.

TYPE-SPECIES: *Diaspis* (*Adiscaspis*) *barrancorum* Lindinger, 1911, by original designation and monotypy.

The author proposed *Adiscaspis* as a subgenus of *Diaspis* Costa in the Diaspidinae.

Afiorinia Takagi, 1969, *Insecta Matsumurana* 32: 24, nomen nudum; 1970, *Insecta Matsumurana* 33: 33, 118.

TYPE-SPECIES: *Afiorinia hirashimai* Takagi, 1970, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, *Chionaspis* group of genera, close to *Fiorinia* Targioni Tozzetti.

Afrodrosicha Vayssière, 1968, *Inst. Fondamental d'Afrique Noire* Bul. Ser. A, Sci. Nat. 30: 1493, 1500.

TYPE-SPECIES: *Afrodrosicha nimbae* Vayssière, 1968, by monotypy.

The author placed this genus in the Margarodidae and indicated that it has several characters in common with the "Drosochini."

Albertinia De Lotto, 1970, *Portici Lab. di Ent. Agr. "Filippo Silvestri"* Bol. 28: 245-246.

TYPE-SPECIES: *Albertinia apiculata* De Lotto, 1970, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and stated that its relationship to other genera was obscure.

Anastomoderma Beardsley, 1966, *Bernice P. Bishop Mus.* 6 (7): 507.

TYPE-SPECIES: *Anastomoderma palauensis* Beardsley, 1966, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Aspidiotini, allied to *Aspidiotus* Bouché.

Anopulvinaria J. P. da Fonseca, 1972, Sao Paulo Inst. Biol. Arq. 39: 195.

TYPE-SPECIES: *Anopulvinaria cephalocarinata* J. P. da Fonseca, 1972, by monotypy.

The author placed this genus in the Pulvinariini, close to *Acanthopulvinaria* Borchsenius.

Anthelococcus McKenzie, 1964, Hilgardia 35: 214-215.

TYPE-SPECIES: *Anthelococcus simondsi* McKenzie, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, near *Trionymus* Berg.

Arivonimaspis Mamet, 1962, Nat. Malgache 13: 192.

TYPE-SPECIES: *Arivonimaspis vernoniae* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Diaspidini, close to *Hulaspis* Hall.

Buchnericoccus Reyne, 1965, Tijdschr. v. Ent. 108: 167, 173.

TYPE-SPECIES: *Buchnericoccus javanus* Reyne, 1965, by original designation and monotypy.

The author placed this genus in the Margarodidae, Monophlebinae, Monophlebini, related to *Nietnera* Green.

Cajalecanium Gómez-Menor Ortega, 1965, Eos 41: 108.

TYPE-SPECIES: *Cajalecanium salicorniae* Gómez-Menor Ortega, 1965, by original designation and monotypy.

The author assigned this genus to the "Lecanidae," "Lecaninae," and he stated that it was near *Eulecanium* Cockerell.

Capricornaspis Balachowsky, 1971, Ent. Soc. France Bul. 76: 102, 104.

TYPE-SPECIES: *Capricornaspis armineae* Balachowsky, 1971, by original designation and monotypy.

The author placed this genus in the Diaspidinae, Aspidiotini, Aonidina, related to *Cryptoparlatoresopsis* Borchsenius.

Cerostegia De Lotto, 1969, Portici Lab. di Ent. Agr. "Filippo Silvestri" Bol. 27: 210-211.

TYPE-SPECIES: *Ceroplastes rufus* De Lotto, 1966, by original designation.

The author included this genus in the Coccidae, related to *Ceroplastes* Gray. He also included *Ceroplastes floridensis* Comstock and *C. japonicus* Green in it.

Chimania Munting, 1970, Novos Taxa Ent. (Sup. Rev. Ent. de Moçambique) 84: 3-4.

TYPE-SPECIES: *Chimania ferrugina* Munting, 1970, by original designation and monotypy.

The describer placed this genus in the Diaspididae and stated that it resembled *Tenuiaspis* MacGillivray.

Chlorococcus Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 50.

TYPE-SPECIES: *Chlorococcus longipes* Beardsley, 1971, by original designation.

The author included this genus in the Pseudococcidae, close to *Tympanococcus* Williams. He also included four additional species in it.

Cirnecoccus Mamet, 1967, Mauritius Inst. Bul. 6: 98.

TYPE-SPECIES: *Pseudococcus pollicis* Mamet, 1940, by original designation and monotypy.

The author placed this genus in the Pseudococcidae.

Clavaspidotus Takagi and Kawai, 1966, Insecta Matsumurana 28: 115.

TYPE-SPECIES: *Clavaspidotus abietis* Takagi and Kawai, 1966, by original designation and monotypy.

The authors placed this genus in the Diaspididae, related to *Quadraspidotus* MacGillivray and *Clavaspis* MacGillivray. They stated, "*Aspidiotus tayanus* Cockerell and *Quadraspidotus cryptus* Ferris may be referable to the new genus."

Collubia Munting, 1968, Ent. Soc. South. Africa Jour. 31: 209.

TYPE-SPECIES: *Collubia dentata* Munting, 1968, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, and he indicated that it came closest to *Moraspis* Hall.

Conicosoma De Lotto, 1970, Portici Lab. di Ent. Agr. "Filippo Silvestri" Bol. 28: 248.

TYPE-SPECIES: *Conicosoma gracile* De Lotto, 1970, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, related to *Strandanna* De Lotto.

Crassaspidiotus Takagi, 1969, Insecta Matsumurana 32: 22, 89.

TYPE-SPECIES: *Crassaspidiotus takahashii* Takagi, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, Aspidiotini, close to *Metaspidiotus* Takagi.

Cyperia De Lotto, 1964, Brit. Mus. (Nat. Hist.) Ent. Bul. 14: 348-349.

TYPE-SPECIES: *Pseudococcus percrassus* De Lotto, 1961, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, related to *Planococcoides* Ezzat and McConnell.

Densispina Ter-Grigorian, 1964, Ent. Obozr. 43: 861. (Transl., Ent. Rev. 43: 440.)

TYPE-SPECIES: *Densispina graminea* Ter-Grigorian, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Trabutina* Marchal.

Diaspiditis J. P. da Fonseca, 1969, Sao Paulo Inst. Biol. Arq. 36: 31.

A lapsus for *Diaspidistis* Hempel.

Diplacaspis Jacobson of Mann, 1969, U.S. Natl. Mus. Bul. 256: 150.

The name *Diplacaspis* Jacobson (1924, Rev. Russe d'Ent. 18: 239), representing a genus of the Coleoptera, was interjected into Coccoidea literature by Mann, who published the new combination "*Diplacaspis echinocacti* (Bouche)." *Diplacaspis* Jacobson of Mann presumably was a lapsus for *Diaspis* Costa.

According to Neave (1939, Nomencl. Zool. 2: 105), Jacobson proposed *Diplacaspis* as a new name for *Diaspis* Lacordaire, 1848, the latter being preoccupied by *Diaspis* Costa, 1828, in the Hemiptera.

Diversicrus De Lotto, 1970, Portici Lab. di Ent. Agr. "Filippo Silvestri" Bol. 28: 250.

TYPE-SPECIES: *Diversicrus longulum* De Lotto, 1970, by original designation and monotypy.

The author placed this genus in the Pseudococcidae.

Eastia De Lotto, 1964, Brit. Mus. (Nat. Hist.) Ent. Bul. 14: 350.

TYPE-SPECIES: *Eastia jouberti* De Lotto, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, related to *Puto* Signoret.

Electrococcus Beardsley, 1969, Psyche 76: 271-273, 278.

TYPE-SPECIES: *Electrococcus canadensis* Beardsley, 1969, by original designation and monotypy.

The author stated that this fossil genus, described from a single male, probably is a specialized type of Margarodidae, possibly related to modern Pityococcinae.

Endernia Danzig, 1971, Akad. Nauk. S.S.S.R. Zool. Inst. 50: 1414.

TYPE-SPECIES: *Endernia despoliata* Danzig, 1971, by original designation and monotypy.

The describer assigned this genus to the Asterolecaniidae and suggested close relationship with *Asterodiaspis* Signoret.

Epifiorinia Takagi, 1969, Insecta Matsumurana 32: 24, nomen nudum; 1970, Insecta Matsumurana 33: 33, 52-53.

TYPE-SPECIES: *Epifiorinia tsugae* Takagi, 1970, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, *Diaspis* group of genera, close to *Fiorinia* Targioni Tozzetti.

Erimococcus Ezzat, 1966, Soc. Ent. d'Egypte Bul. 49 (1965): 169-170.

TYPE-SPECIES: *Phenacoccus limoniastri* Priesner and Hosny, 1935, by original designation and monotypy.

The describer placed this genus in the Pseudococcidae.

Eriocorys De Lotto, 1967, Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem. 12: 1-2.

TYPE-SPECIES: *Eriocorys hystrix* De Lotto, 1967, by original designation and monotypy.

The author included this genus in the Pseudococcidae and suggested relationship with the *Phenacoccus* group, particularly with *Centrococcus* Borchsenius and *Rastrococcus* Ferris.

Eucleaspis Munting, 1968, Ent. Soc. South. Africa Jour. 31: 423.

TYPE-SPECIES: *Eucleaspis echinata* Munting, 1968, by original designation.

The describer placed this genus in the Diaspididae, Diaspidini, with affinities to *Mancaspis* Ferris, *Situlaspis* MacGillivray, and *Protodiaspis* Cockerell. He also included *Chionaspis imbricata* Brain.

Eumashona Hodgson, 1973, Ent. Monthly Mag. 109: 63.

TYPE-SPECIES: *Mashona tachardia* Hodgson, 1967, by substitution of *Eumashona* for *Mashona* Hodgson.

A new name replacing *Mashona* Hodgson, 1967, preoccupied by *Mashona* Pate, 1944.

Eumirococcus Ter-Grigorian, 1964, Ent. Obozr. 43: 858. (Transl., Ent. Rev. 43: 439.)

TYPE-SPECIES: *Eumirococcus borchsenii* Ter-Grigorian, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Mirococcus* Borchsenius.

Faureaspis Munting, 1968, Ent. Soc. South. Africa Jour. 31: 425-427.

TYPE-SPECIES: *Gymnaspis faurei* Brain, 1919, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, with affinities to *Paraleucaspis* Mamet.

Ferrisidea Borchsenius, 1965, Ent. Obozr. 44: 368. (Transl., Ent. Rev. 44: 211.)

TYPE-SPECIES: *Aspidiotus (Pseudodiaspis) dentilobis* Cockerell, 1898, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, and in his new subtribe Howardiina.

Gallacoccus Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 31-32.

TYPE-SPECIES: *Gallacoccus anthonyae* Beardsley, 1971, by original designation.

The proposer incorporated this genus in the Eriococcidae, close to *Reynvaania* Reyne, and also included in it *Gallacoccus secundus* Beardsley, 1971.

Gallulacoccus Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 47.

TYPE-SPECIES: *Gallulacoccus tenorioi* Beardsley, 1971, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and indicated possible relationship to *Pseudotrionymus* Beardsley.

Gigantococcus Pesson and Bielenin, 1966, Soc. Ent. de France Ann. (n.s.) 2: 219, 246-248.

TYPE-SPECIES: *Icerya maxima* Newstead, 1914, by monotypy.

The authors assigned this genus to the "Margaroidae," and they stated that it was in part intermediate between *Steatococcus* Ferris and *Crypticerya* Cockerell.

Gossypina Salazar, 1972, Rev. Peruana Ent. 15: 293-295.

TYPE-SPECIES: *Gossypina glauca* Salazar, 1972, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and stated that it resembled *Palauccoccus* Beardsley.

Habibius Ezzat and Hussein, 1969, Soc. Ent. d'Egypte Bul. 51 (1967): 360-361, 402.

TYPE-SPECIES: *Lecanium acuminatum* Signoret, 1873, by original designation and monotypy.

The authors proposed *Habibius* as a new name to replace *Platycoccus* Takahashi, 1959, which was preoccupied by *Platycoccus* Stickney, 1934, in the Phoenicococcidae. De Lotto (1965, Brit. Mus. (Nat. Hist.) Ent. Bul. 16: 206, 208), however, had previously proposed *Kilifia* as a replacement for *Platycoccus* Takahashi. *Habibius* therefore becomes a junior synonym of *Kilifia*.

Heimaspis Balachowsky and Ferrero, 1967, Cahiers de la Maboké 5: 37-39.

TYPE-SPECIES: *Heimaspis centrafricanus* Balachowsky and Ferrero, 1967, by original designation and monotypy.

The authors placed this genus in the Diaspidini, Chionaspidina. They indicated similarities with *Tecaspis* Hall, *Phenacaspis* Cooley and Cockerell (s. str.), *Rolaspis* Hall, and *Voraspis* Hall.

Heteromargarodes Jakubski, 1965, A Critical Revision of the Families Margarodidae and Termitococcidae (Hemiptera, Coccoidea), p. 85-88.

TYPE-SPECIES: *Heteromargarodes americanus* Jakubski, 1965, by original designation and monotypy.

The author placed this genus in the Margarodidae, Margarodinae, Dimargarodini, close to *Dimargarodes* Silvestri.

Ichthyaspis Takagi, 1969, Insecta Matsumurana 32: 24, nomen nudum; 1970, Insecta Matsumurana 33: 120.

TYPE-SPECIES: *Adiscofiorinia ficicola* Takahashi, 1931, by original designation and monotypy.

The describer placed this genus in the Diaspididae, Diaspidini, *Chionaspis* group of genera, close to *Adiscofiorinia* Leonardi.

Indococcus Ali, 1967, Oriental Insects 1: 35.

TYPE-SPECIES: *Indococcus pipalae* Ali, 1967, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Planococcus* Ferris and *Anaparaputo* Borchsenius.

Inopicoccus Danzig, 1971, Ent. Obozr. 50: 369-371. (Transl., Ent. Rev. 50: 208.)

TYPE-SPECIES: *Inopicoccus setariae* Danzig, 1971, by original designation and monotypy.

The describer included this genus in the Pseudococcidae, close to *Neotrionymus* Borchsenius and *Metadenopus* Sulc.

Japaspidiotus Takagi and Kawai, 1966, *Insecta Matsumurana* 28: 118.

TYPE-SPECIES: *Japaspidiotus cedricola* Takagi and Kawai, 1966, by original designation and monotypy.

The authors placed this genus in the Diaspididae, close to *Acanthaspidiotus* Borchsenius and Williams. They noted that *J. cedricola* might be identical with *Aspidiotus corticispini* Lindinger, 1909, but they could not certify this identity.

Kilifia De Lotto, 1965, *Brit. Mus. (Nat. Hist.) Ent. Bul.* 16: 206, 208.

TYPE-SPECIES: *Lecanium acuminatum* Signoret, 1873, by original designation.

The author proposed this new name in the Coccidae as replacement for *Platycoccus* Takahashi, 1959, since the latter was preoccupied by *Platycoccus* Stickney, 1934. He also included *Kilifia deltoides* De Lotto, 1965, and *Coccus diversipes* Cockerell in *Kilifia*.

Lecaniococcus Danzig, 1967, *Akad. Nauk S.S.S.R. Zool. Inst. Trudy* 41: 148-149.

TYPE-SPECIES: *Lecaniococcus ditispinosus* Danzig, 1967, by original designation and monotypy.

The describer included this genus in the Coccidae, close to *Eulecanium* Cockerell and *Parthenolecanium* Sulc.

Lenania De Lotto, 1964, *Brit. Mus. (Nat. Hist.) Ent. Bul.* 14: 353.

TYPE-SPECIES: *Lenania prisca* De Lotto, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested relationship with *Mirococcus* Borchsenius and *Mollicoccus* Williams.

Londiania De Lotto, 1964, *Brit. Mus. (Nat. Hist.) Ent. Bul.* 14: 354.

TYPE-SPECIES: *Londiania obesa* De Lotto, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested relationship with *Trionymus* Berg and *Cryptoripersia* Cockerell.

Macropulvinaria Hodgson, 1968, Ent. Soc. South. Africa Jour. 31: 155.

TYPE-SPECIES: *Pulvinaria jacksoni* Newstead, 1908, by original designation.

The author placed this genus in the Coccidae and included in it a total of five species.

Madagasias Mamet, 1962, Nat. Malgache 13: 167.

TYPE-SPECIES: *Madagasias ankaratrae* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Pseudococcidae.

Madaparlaspis Mamet, 1962, Nat. Malgache 13: 194.

TYPE-SPECIES: *Madaparlaspis bosseri* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Diaspidini, related to *Parlatoria* Targioni Tozzetti.

Magnospinus Munting, 1970, Novos Taxa Ent. (Sup. Rev. Ent. de Moçambique) 84: 6.

TYPE-SPECIES: *Magnospinus anneckeï* Munting, 1970, by original designation and monotypy.

The author placed this genus in the Chionaspini but could not suggest a nearest relative.

Mahafalyaspis Balachowsky, 1971, Soc. Ent. de France Bul. 76: 221, 223.

TYPE-SPECIES: *Mahafalyaspis teteforti* Balachowsky, 1971, by original designation and monotypy.

The author placed this genus in the Diaspidini-Rugaspidiotina, near *Disco-diaspis* Koroneos.

Mammata Munting, 1969, Cimbebasia 1, Ser. A: 128.

TYPE-SPECIES: *Mammata hueckorum* Munting, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, Chionaspini, Augulaspina, very similar to *Tecaspi* Hall.

Maniaspis Borchsenius, 1964, Ent. Obozr. 43: 864, 869-872.
(Transl., Ent. Rev. 43: 443.)

TYPE-SPECIES: *Maniaspis manii* Borchsenius, 1964, by original designation.

The describer placed this genus in the Diaspididae, Leucaspidini, related to *Anamaspis* Leonardi and *Lopholeucaspis* Balachowsky. He also transferred *Leucaspis gigas* (Maskell) to his new genus.

Marendeliea De Lotto, 1967, Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem. 12: 10.

TYPE-SPECIES: *Pseudococcus rhodesiensis* Hall, 1937, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested relationship with genera of grass-infesting mealybugs, centering on *Trionymus* Berg, and in one feature with *Peliococcus* Borchsenius.

Mashona Hodgson, 1967, Arnoldia (Rhodesia) 3 (5): 8-9.

TYPE-SPECIES: *Mashona tachardia* Hodgson, 1967, by original designation.

The author placed this genus in the Coccidae and also included *Coccus msasae* (Hall) in it. The name was preoccupied by *Mashona* Pate, 1944, in the Hymenoptera and was replaced by *Eumashona* Hodgson.

Mauricoccus Mamet, 1967, Mauritius Inst. Bul. 6: 100-102.

TYPE-SPECIES: *Ripersia pileae* Mamet, 1940, by original designation and monotypy.

The author placed this genus in the Pseudococcidae.

Megacoccus Kosztarab and Kennedy, 1971, Ent. Soc. Amer. Ann. 64: 343-346.

TYPE-SPECIES: *Megacoccus tasmaniensis* Kosztarab and Kennedy, 1971, by original designation and monotypy.

The authors included this genus in the Eriococcidae but stated, "future studies on related genera and on the limits of coccid families should provide further evidence for the final placement of the genus."

Mesoselenaspidus J. P. da Fonseca, 1969, Sao Paulo Inst. Biol. Arq. 36: 16.

TYPE-SPECIES: *Mesoselenaspidus andersoni* J. P. da Fonseca, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, Selenaspidina.

Messinea De Lotto, 1966, Linn. Soc. London, Proc. 77: 147.

TYPE-SPECIES: *Messinea conica* De Lotto, 1966, by original designation and monotypy.

The author placed this genus in the Coccidae.

Metadenopsis Matesova, 1966, Vest. Selsk. Khoz. Nauk. (Alma Ata) 9 (4): 98.

TYPE-SPECIES: *Metadenopsis halogetonis* Matesova, 1966, by original designation and monotypy.

The author included this genus in the Pseudococcidae.

Mombasinia De Lotto, 1964, Brit. Mus. (Nat. Hist.) Ent. Bul. 14: 356.

TYPE-SPECIES: *Pseudococcus pulcherrimus* De Lotto, 1961, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested relationship with *Puto* Signoret.

Multispinaspis Munting, 1969, Cimbebasia 1, Ser. A: 131.

TYPE-SPECIES: *Multispinaspis monechmae* Munting, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, Howardiina.

Nairobi De Lotto, 1964, Brit. Mus. (Nat. Hist.) Ent. Bul. 14: 356-357.

TYPE-SPECIES: *Nairobi bifrons* De Lotto, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, related to *Phenacoccus* Cockerell.

Namaquea Munting, 1969, Cimbebasia 1, Ser. A: 132.

TYPE-SPECIES: *Namaquea simplex* Munting, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, Leucaspidini, resembling *Anotaspis* Ferris.

Namibia Munting, 1969, Cimbebasia 1, Ser. A: 133.

TYPE-SPECIES: *Formosaspis karroo* Munting, 1967, by original designation.

The author placed this genus in the Diaspididae, Diaspidini, with some affinities to *Formosaspis* Takahashi. Two additional species, *Namibia quadri-loba* Munting, 1969, and *N. spinosa* Munting, 1969, were also included.

Neoischnaspis J. P. da Fonseca, 1969, Sao Paulo Inst. Biol. Arq. 36: 18.

TYPE-SPECIES: *Neoischnaspis orthosoma* J. P. da Fonseca, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, related to *Ischnaspis* Douglas and *Fulaspis* Balachowsky.

Nesopedronia Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 41-44.

TYPE-SPECIES: *Pedronia hawaiiensis* Ferris, 1948, by original designation.

The describer placed this genus in the Pseudococcidae, resembling *Pedronia* Green. He included five species in the new genus, all transferred from *Pedronia*.

Ohiacoccus Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 44-45.

TYPE-SPECIES: *Ohiacoccus cryptus* Beardsley, 1971, by original designation and monotypy.

The proposer incorporated this genus in the Pseudococcidae, closest to *Nesopedronia* Beardsley.

Orococcus De Lotto, 1964, Brit. Mus. (Nat. Hist.) Ent. Bul. 14: 357.

TYPE-SPECIES: *Pseudococcus cryophilus* De Lotto, 1961, by original designation and monotypy.

The describer placed this genus in the Pseudococcidae, suggesting some relationship with genera of the *Trionymus* series.

Orstomicoccus Mamet, 1962, Nat. Malgache 13: 154.

TYPE-SPECIES: *Pseudococcus ankaratrae* Mamet, 1951, by original designation.

The author placed this genus in the Pseudococcidae and noted relationship to Planococcini. He also included *Orstomicoccus madecassus* Mamet, 1962, in it.

Oxyacanthus De Lotto, 1970, Portici Lab. di Ent. Agr. "Filippo Silvestri" Bol. 28: 252-253.

TYPE-SPECIES: *Oxyacanthus incohatus* De Lotto, 1970, by original designation.

The author placed this genus in the Pseudococcidae, with relationship to *Phenacoccus* Cockerell. In addition to the type-species he included in it *Spinococcus captiosus* De Lotto and *Tylococcus chrysocomae* Brain.

Palauaspis Beardsley, 1966, Bernice P. Bishop Mus. 6 (7): 548.

TYPE-SPECIES: *Palauaspis multiductus* Beardsley, 1966, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Diaspidini, allied to the *Lepidosaphes* group of genera (subtribe *Lepidosaphedina* of Balachowsky, 1954), particularly *Cocomytilus* Leonardi.

Palauoccus Beardsley, 1966, Bernice P. Bishop Mus. 6 (7): 421.

TYPE-SPECIES: *Palauoccus gressitti* Beardsley, 1966, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and indicated that its affinities with other genera were unclear.

Pandanaspis Mamet, 1967, Mauritius Inst. Bul. 6: 92.

TYPE-SPECIES: *Mytilaspis greeni* de Grandpré and de Charmoy, 1899, by original designation and monotypy.

The author assigned this genus to the Diaspididae, Diaspidini, *Lepidosaphes* group of genera, somewhat allied to *Opuntiaspis* Cockerell.

Pandanicola Beardsley, 1966, Bernice P. Bishop Mus. 6 (7): 427-428.

TYPE-SPECIES: *Trionymus pandani* Takahashi, 1939, by original designation.

The author placed this genus in the Pseudococcidae and also included *Pseudococcus esakii* Takahashi in it.

Parandaspis Mamet, 1967, Mauritius Inst. Bul. 6: 89.

TYPE-SPECIES: *Lepidosaphes vinsoni* Mamet, 1940, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, *Lepidosaphes* group of genera, with close relationship to *Andaspis* MacGillivray and possibly to *Caia* Williams.

Parandaspis Balachowsky, 1968, Rev. de Zool. et de Bot. Africaines 78: 53, 55, 61.

TYPE-SPECIES: *Parandaspis castelbrancoi* Balachowsky, 1968, by original designation and monotypy.

The author included this genus in the Diaspididae, Lepidosaphedini, new subtribe Andaspidina, related to *Andaspis* Maskell, *Caia* Williams, and *Metandaspis* Williams. The name is a junior homonym of *Parandaspis* Mamet, 1967. Its replacement name is *Saotomaspis* Balachowsky, 1973, Ent. Soc. France Bul. 78: 225.

Parapaludicoccus Mamet, 1962, Nat. Malgache 13: 179-180.

TYPE-SPECIES: *Parapaludicoccus isaloensis* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Paludicoccus* Ferris.

Parapandanaspis Mamet, 1967, Mauritius Inst. Bul. 6: 95.

TYPE-SPECIES: *Parapandanaspis reunioniensis* Mamet, 1967, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidini, *Lepidosaphes* group of genera, very close to *Pandanaspis* Mamet.

Parapudaspis Borchsenius, 1964, Ent. Obozr. 43: 152, 167. (Transl., Ent. Rev. 43: 77-79.)

TYPE-SPECIES: *Parapulvinaria cassariae* J. P. da Fonseca, 1969, by original designation and monotypy.

The author placed this genus in the Diaspididae, close to *Pudaspis* Hall.

Parapulvinaria J. P. da Fonseca, 1969, Sao Paulo Inst. Biol. Arq. 36: 9.

TYPE-SPECIES: *Parapulvinaria cassariae* J. P. da Fonseca, 1969, original designation and monotypy.

The author placed this genus in the "Lecanidae" and indicated relationship to *Pulvinaria* Targioni Tozzetti and *Ceronema* Maskell.

Pararaoaspis Borchsenius, 1967, Ent. Obozr. 46: 724, 730. (Transl., Ent. Rev. 46: 429, 432.)

TYPE-SPECIES: *Lepidosaphes meliae* Green, 1919, by original designation and monotypy.

The author included this genus in the Diaspididae, Diaspidini, close to *Andaspis* MacGillivray.

Pararhodania Ter-Grigorian, 1964, Ent. Obozr. 43: 860-861.
(Transl., Ent. Rev. 43: 439-440.)

TYPE-SPECIES: *Pararhodania armena* Ter-Grigorian, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Rhodania* Goux.

Parastictococcus Richard, 1971, Soc. Ent. de France Ann. (n.s.) 7: 583, 585-587.

The author proposed *Parastictococcus* as a subgenus of *Stictococcus* Cockerell in the Stictococcinae and transferred six species from the nominate subgenus to her new subgenus.

Penthococcus Danzig, 1972, Insects of Mongolia 1: 327-329.

TYPE-SPECIES: *Penthococcus nartshukae* Danzig, 1972, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, close to *Neotrionymus* Borchsenius.

Phacelococcus Miller, 1970, Austral. Ent. Soc. Jour. 9: 157.

TYPE-SPECIES: *Phacelococcus brookesae* Miller, 1970, by original designation and monotypy.

The author placed this genus in the Eriococcidae, with superficial resemblance to *Ovaticoccus* Kloet.

Pleistocerarius Matile-Ferrero, 1970, So. African Animal Life 14: 179-182.

TYPE-SPECIES: *Pleistocerarius capensis* Matile-Ferrero, 1970, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, Planococcini, close to *Planococcoides* Ezzat and McConnell.

Prorhizoecus Miller and McKenzie, 1971, Hilgardia 40: 583.

TYPE-SPECIES: *Prorhizoecus atopoporus* Miller and McKenzie, 1971, by original designation and monotypy.

The authors placed this genus in the Pseudococcidae, with some relationship to *Rhizoecus* Künckel d'Herculais and *Pygmaeococcus* McKenzie.

Pseudotrionymus Beardsley, 1971, Hawaii. Ent. Soc. Proc. 21 (1970): 44.

TYPE-SPECIES: *Trionymus multiductus* Beardsley, 1959, by original designation.

The describer placed this genus in the Pseudococcidae, near *Trionymus* Berg, and also included in it *Trionymus refertus* Ferris.

Pstudotargionia Munting, 1969, Cimbebasia 1, Ser. A: 159.

Lapsus for *Pseudotargionia* Lindinger.

Raoaspis Borchsenius, 1967, Ent. Obozr. 46: 724-725, 729. (Transl., Ent. Rev. 46: 429-430.)

TYPE-SPECIES: *Andaspis mori* Ferris, 1952, by original designation.

The author included this genus in the Diaspididae, Diaspidini, close to *Caia* Williams. He assigned a total of six species to it.

Reclavaspis Komosinska, 1965, Frustula Ent. 8 (2): 1.

TYPE-SPECIES: *Reclavaspis australicus* Komosinska, 1965, by original designation.

The author placed this genus in the Diaspididae, Aspidiotini, close to *Diaspidiotus* Leonardi. She also included *Reclavaspis evexus* (Brimblecombe) in the genus.

Relhaniaispis Munting, 1970, Novos Taxa Ent. (Sup. Rev. Ent. de Moçambique) 84: 10.

TYPE-SPECIES: *Relhaniaispis acuminata* Munting, 1970, by original designation and monotypy.

The describer included this genus in the Diaspididae, Chionaspidini, and Scolopetaspidina of Borchsenius, with some resemblance to *Phaulomytilus* Leonardi and *Moraspiis* Hall.

Roonwalaspis Borchsenius, 1967, Ent. Obozr. 46: 724, 734. (Transl., Ent. Rev. 46: 429, 432-433.)

TYPE-SPECIES: *Roonwalaspis quercicola* Borchsenius, 1967, by original designation.

The describer included this genus in the Diaspididae, Diaspidini, related to *Raoaspis* Borchsenius. He transferred *Andaspis retrusa* (Green) to the new genus.

Rosebankia De Lotto, 1967, Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem. 12: 18-19.

TYPE-SPECIES: *Pseudococcus caffra* Brain, 1915, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested relationship with *Miseriococcus* Ferris.

Sangiococcus Reyne, 1965, Ent. Ber. 25: 180.

The author proposed *Sangiococcus* as a new name to replace *Haematococcus* Reyne, 1961, which was preoccupied in the Protozoa.

Saotomaspis Balachowsky, 1973, Soc. Ent. de France Bul. 78: 225.

TYPE-SPECIES: *Parandaspis castelbrancoi* Balachowsky, 1968, by substitution of *Saotomaspis* for *Parandaspis* Balachowsky.

The author proposed *Saotomaspis* as a new name to replace *Parandaspis* Balachowsky, 1968, which was preoccupied by *Parandaspis* Mamet, 1967.

Scaptococcus McKenzie, 1964, Hilgardia 35: 267.

TYPE-SPECIES: *Scaptococcus californicus* McKenzie, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, somewhat related to *Amonostherium* Morrison and Morrison.

Selenaspudus Mamet, 1962, Nat. Malgache 13: 157; Mamet, 1967, Mauritius Inst. Bul. 6: 61.

A lapsus for *Selenaspidus* in 1962 but corrected in 1967.

Smilacicola Takagi, 1969, Insecta Matsumurana 32: 22, 55.

TYPE-SPECIES: *Smilacicola apicalis* Takagi, 1969, by original designation.

The author placed this genus in the Diaspididae, Rugaspidiotini, and included, in addition to the type-species, *Rugaspidiotus heimi* Balachowsky and an unnamed species.

Sphaeroceraspis Balachowsky and Ferrero, 1965, Soc. Ent. de France Ann. (n.s.) 1: 995-996.

TYPE-SPECIES: *Sphaeroceraspis saccasi* Balachowsky and Ferrero, 1965, by original designation and monotypy.

The authors assigned this genus to the Diaspidini, with certain affinities to "*Protodiaspis* Ferris," an error for *Protodiaspis* Cockerell.

Spiroporococcus Miller, 1967, *Hilgardia* 38: 481, 528-529.

TYPE-SPECIES: *Fonscolombia yuccae* Ferris, 1919, by original designation.

The author included this genus in the Eriococcidae, close to *Ovaticoccus* Kloet. He also assigned to it *Ovaticoccus braggi* (Cockerell and Robinson) and *O. ruber* (Parrott and Cockerell).

Strandanna De Lotto, 1969, *Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem.* 20: 27.

TYPE-SPECIES: *Strandanna pristina* De Lotto, 1969, by original designation and monotypy.

The author placed this genus in the Pseudococcidae, with affinities to *Trionymus* Berg and *Cryptoripersia* Cockerell.

Taiwanaspidotus Takagi, 1969, *Insecta Matsumurana* 32: 22, 72.

TYPE-SPECIES: *Aspidiotus shakunagi* Takahashi, 1935, by original designation.

The describer placed this genus in the Diaspididae, Aspidiotini, close to *Aspidiotus* Bouché and also included *Taiwanaspidotus yiei* Takagi, 1969.

Takahashiella Borchsenius, 1964, *Ent. Obozr.* 43: 164, 168.
(Transl., *Ent. Rev.* 43: 81-82.)

TYPE-SPECIES: *Chionaspis vermiformis* Takahashi, 1930, by original designation and monotypy.

The author placed this genus in the Diaspididae, Lepidosaphidini. He stated that in one respect the scale resembled *Xiphuraspis* Borchsenius and Williams, a member of the Diaspidini.

Tanaparlatoria Mamet, 1962, *Nat. Malgache* 13: 195-197.

TYPE-SPECIES: *Tanaparlatoria erythroxyloini* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Diaspidini, related to *Parlatoria* Targioni Tozzetti.

Telocorys De Lotto, 1967, *Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem.* 12: 21.

TYPE-SPECIES: *Ripersia longisetosa* Green, 1924, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested some resemblance to *Anthelococcus* McKenzie.

Tomentocera Beardsley, 1964, Hawaii. Ent. Soc. Proc. 18 (1963): 365.

TYPE-SPECIES: *Tomentocera haleakala* Beardsley, 1964, by original designation and monotypy.

The author placed this genus in the Pseudococcidae and suggested affinities to *Nesococcus* Ehrhorn and *Pedronia* Green.

Tsimbazaspis Mamet, 1962, Nat. Malgache 13: 199-200.

TYPE-SPECIES: *Tsimbazaspis euphorbiae* Mamet, 1962, by original designation and monotypy.

The author placed this genus in the Diaspididae, Diaspidinae, Diaspidini, related to MacGillivray's *Africaspis*, *Angulaspis*, and *Inchoaspis*.

Turbinococcus Beardsley, 1966, Bernice P. Bishop Mus. 6 (7): 477-479.

TYPE-SPECIES: *Trionymus pandanicola* Takahashi, 1941, by original designation and monotypy.

The author placed this genus in the Pseudococcidae with affinities to *Trionymus* Berg.

Tympanococcus Williams, 1967, Biol. Soc. Wash. Proc. 80: 27-29.

TYPE-SPECIES: *Pseudococcus tympanistus* Ferris, 1948, by original designation.

The author included this genus in the Pseudococcidae and indicated relationship with *Dysmicoccus* Ferris and *Trionymus* Berg. He also assigned to it *Trionymus gardeniae* Williams, 1967.

Umwinsia Hodgson, 1968, Roy. Ent. Soc., London, Proc. Ser. B: Taxonomy 37: 118.

TYPE-SPECIES: *Umwinsia cavernosa* Hodgson, 1968, by original designation.

The author placed this genus in the Coccidae and also included *Akermes nitidulus* De Lotto in it.

Vryburgia De Lotto, 1967, Repub. So. Africa Dept. Agr. Tech. Serv. Ent. Mem. 12: 21-22.

TYPE-SPECIES: *Pseudococcus bechuanae* Brain, 1915, by original designation.

The author placed this genus in the Pseudococcidae and indicated close relationship to *Chorizococcus* McKenzie. He included seven species in the genus.

Waxiella De Lotto, 1971, Nat. Hist. Jour. 5: 148.

TYPE-SPECIES: *Ceroplastes subdenudatus* Newstead, 1917, by original designation.

The author placed this genus in the Coccidae. He assigned 13 species or subspecies previously included in *Ceroplastes* Gray to the genus.

Yomaspis Munting, 1968, Ent. Soc. South. Africa Jour. 31: 431.

TYPE-SPECIES: *Yomaspis ventropora* Munting, 1968, by original designation and monotypy.

The describer placed this genus in the Diaspididae, Diaspidini, with some resemblance to *Salaspis* Hall.

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